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BRUHAT BANGALORE MAHANAGARA PALIKE
DASARAHALLI ZONE

Name Of Work :- Detailed Estimate for Annual Maintenance of Street Lights Package D-3 ward No 13 Mallasandra in Mallasandra

Budget Head ....P0300 M&R to Street lights - Replacement of burnt bulbs etc

Division No....Dasarahalli Estimate No. ...03..... For Rs.= For Rs.=2000000.00

SR Page. No.		Description of Work	Unit	Qty.	Rate Per Year Rs. Ps.	Amount
1	AR VideNo SE(ELE/PR/676/2021-22 Dt:07.12.2021	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below. **36/40 W fluorescent tube light street lighting system.**	Each	9	685.45	6169.05
2	AR VideNo SE(ELE/PR/676/2021-22 Dt:07.12.2021	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below. **125W HPMV Park lighting system.**	Each	1	756.29	756.29
3	AR VideNo SE(ELE/PR/676/2021-22 Dt:07.12.2021	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed belowPoles with **250W HPSV street lighting system.**	Each	968	1019.41	986788.88
4	AR VideNo SE(ELE/PR/676/2021-22 Dt:07.12.2021	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below **400 watts HPSV street light /High mast lighting system.**	Each	48	1118.08	53667.84
5	AR VideNo SE(ELE/PR/676/2021-22 Dt:07.12.2021	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device,, Switches , wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards and , switching ON/OFF of street lights at specified timing and Pole numbering , Preparing ward wise ,street wise street light data bank , furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for **24 Watt to 40 Watt LED Park/ street lighting system.**	Each	479	880.01	421524.79

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6	AR VideNo SE(ELE/PR/676/2021-22 Dt:07.12.2021	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device,, Switches, wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards. and, switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise ,street wise street light data bank , furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for **40 Watt to 65 W LED street Light lighting system.**	Each	235	1147.43	269645
7	AR VideNo SE(ELE/PR/676/2021-22 Dt:07.12.2021	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device,, Switches, wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards. and, switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise ,street wise street light data bank , furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for **90W LED street light lighting system.**	Each	39	1377.66	53728.74
8	AR VideNo SE(ELE/PR/676/2021-22 Dt:07.12.2021	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device,, Switches, wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards. and, switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise ,street wise street light data bank , furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for**110/120 watt LED street light lighting system**	Each Nos	1	1575.5	1575.50
9	AR VideNo SE(ELE/PR/676/2021-22 Dt:07.12.2021	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device,, Switches, wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards. and, switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise ,street wise street light data bank , furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for **150/180 watt LED street light /High mast lighting system.**	Each Nos	1	1871.51	1871.51
10	31/~~5.44~~/5.44.2	Supply and Installation / Fixing / Provision of Outdoor type Thermoplastic Modular Panel enclosure with transparent Polycarbonate Lid, shock proof, IP65 (Weather Proof), rust proof, dust proof, water proof, corrosion proof having internally Embedded gasket on both lid and flap suitable to fix Single Phase / Three Phase Energy Meter in suitable base plate and having a provision for Fuse / MCB cutout with suitable transparent hinged flap opening for operating MCB along with complete tamper proof SEALING facility.**300mmx450mmx214mm**	Each	4	5127.00	20508.00
11	26/~~5.13~~/5.13.4	Supply and fixing of 4pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc, complete with AC-3 Rating and as per IS-13947 **100 to 125Amps**	Each	13	7200.00	93600.00
12	27/~~5.17~~/5.17.3	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.**50-63 Amps SP**	Each	14	723.00	10122.00
13	32/5.48	Supplying and fixing Microprocessor Based Astronomical timer Switch with using necessary bolts, nuts and washers.	Each	14	4030.00	56420.00

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6	12.3.3	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments.6 sqmm	Mtr	10	70.00	700.00
	43/6.17/6.17.4	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes 6 sqmm	Each	100	7.00	700.00
		Total				197778.65
		GST @12% 10, 11,12,13,14,15			182050.00	21846.00
		Misleniuos				375.35
		Grand Total				**2000000.00**

CERTIFICATE

1. The Place was inspected and work is essential
2. The Provision made in the estimate is adequate and are necessary.
3. The Work comes in the BBMP limit and is legitimate charges on the Corporation Funds.
4. The rates in the Estimate is based on PWD (Elec) SR of 2019-20 / , BESCOM SR approved rates
5. The Above Work is not taken up in any Previous Grants .

T.N. Reddy

Jr/Asst. Engineer (Elec)

JUNIOR ENGINEER (Ele)

Bruhath Bangaloro Mahanagara Palike

Dasarahalli Zone, Bangaloro

Asst. Exe. Engineer (Elec)

Sub-Division No.

Bruhat Bangalore Mahanagara Palike

EXECUTIVE ENGINEER (ELEC)

DASARAHALLI DIVISION

BRUHAT BANGALORE MAHANAGARA PALIKE

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ದಿನಾಂಕ 20/3/22 ರೂ. 20-00 ಅಕ್ಷರಗಳಲ್ಲಿ

Twenty Jointly only ಗಳ

ಅಂದಾಜು ಮಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದ್ದು,

ಮಟ್ಟಿ ಸಂಖ್ಯೆ 36 ಕ್ರಮಸಂಖ್ಯೆ 11-12

ಕಾರ್ಯವಾಲಕ ಅಧಿಕಾರಿಗಳು (ವ)

ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

Technical Sanction for Rs. 20,00,000/-

Rupees : Twenty Lakhs only

is accorded under head P0300 - Annual Maintainance of Street Light

Registered at SE (Ele) No. /PR/ 692/21-22 subject to conditions contained in enclosed memo No. 129/2021-22 Date: 6/01/2022

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